

Danner, Ward

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Sent: Tuesday, October 28, 2014 2:43 PM
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Subject: RED HILL STATUS REPORT - October 28, 2014
Importance: High

Hi Richard/Roxanne:

Attached are the updated information for the weekly progress report from Navy Region Hawaii, and the Fleet Logistic Center Pearl Harbor for the week of October 28, 2014. In a process to ease reading, only sections with changes will be annotated.

1. Preliminary Work Plan

Action complete.

2. Release Response Action Items (initiate immediately, complete as soon as practicable)

a. Action 1 - Provide a schedule for the ventilation of Tank 5 and an estimated date to commence the investigation of release point(s) within Tank 5.

Action complete.

b. Action 2 - The rate of vertical migration for the released JP-8 free product is unknown. Information from the previously collected basalt cores could be used for initial modeling of vertical migration. This information is necessary to protect drinking water resources from petroleum contamination. Prepare models for petroleum JP-8 releases of 10,000, 20,000 and 30,000 gallons from points at 25% intervals from the bottom to the top of Tank 5.

No change. BASED ON DISCUSSIONS/MEETINGS WITH EPA AND DOH, THE NEED FOR VERTICAL MIGRATION MODELING FOR THE JP-8 RELEASE IS BEING RE-EVALUATED.

c. Action 3 - Removal of petroleum free product from the area outside the tank will reduce downward migration of the released JP-8 free product. Characterization of the free product plume and recovery of free product with increased monitoring are required to address this plume.

Mobilization for the potential free product recovery efforts were initiated in Tank 5.

d. Action 4 - Additional studies and procedures are required to address the potential and impact of any future releases from the USTs within the Complex. This will require new financial and personnel resources to complete. Funding for the preliminary work plan and all necessary following work is critical.

d.(1) Sentinel Wells

Installation of wells is complete. Installation required greater than expected use of standard drilling foam to successfully complete drilling. Development of the wells was conducted to mitigate any potential effects of constituents in the foam to the groundwater and any residual effects will be evaluated by validation of the preliminary groundwater analytical data. Groundwater samples were collected from the completed wells during the period from Oct 21 through 27 and sent to a laboratory for analysis. Preliminary results are expected in late November.

d.(2) Site Characterization

No change. SITE CHARACTERIZATION (BENEATH TANK 5) WILL FOLLOW COMPLETION OF IN-TANK PRODUCT RECOVERY.

d.(3) AOC/SOW

The Navy/DLA is working on the redraft of the SOW.

d.(4) Request for Additional Information

The Navy continued to provide to the DOH and EPA via email the specific Red Hill information requested in DOH email of August 1, 2014.

d.(5) BWS/USGS Groundwater Flow Study

The Navy has been assisting USGS with their request to perform a site visit, survey the top of well casings, and monitor groundwater levels at the Red Hill groundwater monitoring wells.

Please feel free to contact me if you have any questions.

Vr,

Aaron